



Eastern PA Coalition for Abandoned Mine Reclamation

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February 2026 Progress Report

Highlights:

- EPCAMR staff scanned, cataloged, georeferenced, mosaicked & digitized mine maps for the **DEP MSI** MMG program. Continued QA/QC of **HU's** Western Middle Anthracite Mosaic work.
- EPCAMR Management staff participated in weekly **PA AML Campaign** calls, a call with **SCRA**, a call to discuss Old Forge & Duryea mine pools, a quarterly **EPCAMR Board** meeting and met with **Luzerne Co. Mapping Dept.**
- Aided other staff who sampled 3 discharges for the PKN-OAK-REP project on Mill Creek and West Branch Schuylkill River for **SCD**; Desk duty due to broken foot.
- Updated www.AML-Connect.org; www.EPCAMR.org; & www.AnthraciteHistory.org; administered GobbaDaPile local domain, G Suite for Nonprofits, and social media sites.

Education, Outreach and Admin.:

- Prepared for and meeting with Kleinfelder on Old Forge and Duryea discharges project proposal.
- Participated in a meeting with SCRA and Kleinfelder to discuss AMD discharge sampling in the watershed with a focus on getting continuous flows with a transducer. Put together an order for 12 Onset HOB0 MX20L transducers for SCRA.
- Worked on 2024-2025 Sampling Report for Loyalsock Creek. [LCWA]
- Worked up a draft 2026 Annual Budget in excel format and grant prospects list for Bobby to review and comment for the upcoming board meeting. HOB0 transducers arrived in the mail.
- Participated in a call with Kleinfelder and AMD Industries staff to discuss mapping related to Old Forge and Duryea AMD discharges. Followed up with cropped and rotated cross sections from the Moosic Saddle south to the Susquehanna River. Loaded up APRX files in ArcGIS Pro from my old computer. These are all the different project files related to mapping that I have been working on over the past few years. Attempted to open the Solar on AML project file, but it crashed a few times. May need to repair this project file in the future.
- Completed minutes from the last board meeting for Bobby to include with the invite to the upcoming board meeting. Uploaded this document and board reports to epcamr.org with FileZilla. Updated the EPCAMR Board Meetings Webpage to start 2026 meetings on the current year page and archive 2025 meetings on the past years page.
- EPCAMR staff visited Holiday Inn Conference Center in Grantville to scout the venue for the AMR Conference in October.
- President's Day Off
- Continued to work up a draft 2026 Annual Budget in excel format after Bobby's review.
- Sent 3 spreadsheets to Wayne at SCD for P-O-R project regarding our cost estimates, as DEP is requiring him to now break down the AMD/AML Grant Budget not only by task in the application, but further into each staff member, travel, and admin costs. I believe this is a little overkill for expense tracking, but it is likely a result of the specific invoice format I had to guess

at and finally got right the 3rd time. More guidance on the required invoice format would have been appreciated prior to this reworking. [P-O-R]

- Created an EPCAMR Annual Budget in Quick Books Online from the draft budget in Excel format that Bobby reviewed. Also, created the first page of the Treasurer's report, the Statement of Financial Position and sent both to EPCAMR Treasurer for her review. Continued to work on the Estimates and Progress Invoicing report, the Jobs List, and Grant Prospects report.
- Completed the Treasurer's report, but was pulled into a Personnel Committee meeting 2x and was not able to complete the agenda for the board meeting. Printed Bobby's reminder and draft agenda email instead. Staff hosted the 1st Quarter 2026 EPCAMR Board Meeting. Followed up with action items from board members. For example, Ed Wytovich asked for a list of donations in the Catawissa Creek Stream Access PA Invest Savings Account.
- Went for an x-ray before work upon recommendation of my chiropractor and found out a bone in my foot was fractured (not on work time). My doctor placed me on desk duty only until it heals (estimated 4-6 weeks). Worked with co-workers to take on field work planned for next week. Added Cristy Sweeney and some conservation district members back to the MailChimp list. Their account status was set to non-subscribed for some odd reason. Used the add new member form to update their status. Updated subscribe, unsubscribe, forward to a friend, and view in web browser response forms in MailChimp to show our newest logo and fix the buttons with a black background so they can be seen with the white lettering.
- Prepped sample bottles and paperwork for PKN-OAK-REP sampling by other staff tomorrow. [P-O-R]
- Worked on statewide and PA congressional district AML and AMD statistics 2026 spreadsheet in preparation for the handouts needed for next month's visit to DC. Met with Patrick Sine, Luzerne County GIS Mapping Department, to transfer County Rail Authority and Redevelopment Authority railroad VAL maps. Left a little early for a Foot Doctor appointment in Duryea to be fitted for a soft cast boot.
- EPCAMR staff (minus me) went to sample PKN-OAK-REP discharges. I was keeping tabs at the office. Worked on AML and AMD maps and statistics for the state and congressional districts in the coal regions.
- Met with Frank to discuss his workplan. A first draft of AML-connect.org is ready, and the new AML Dashboard was ready to look at. Made some suggestions for edits. Frank ran a missing sample back to Pottsville DMO for the courier to pick up. Began prepping our speeches for CCWC Bay Day on the Hill.
- Participated in a Bay Day on the Hill webinar to get the details on what to expect and sign up for the asks on our individual teams. Continued to work on statewide and PA congressional district AML and AMD statistics 2026 handouts.
- EPCAMR Management Staff participated in weekly AML Campaign Calls. Uploaded the AML and AMD maps and statistics for the state and congressional districts to the Google Drive associated with the AML Campaign.
- Participated in an interview with Wilkes University Environmental Studies students.

Technical Assistance:

- Uploaded TIFF map scans from the Industrial Archives Library (IAL) Penn Equipment collection from 3rd Q 2025 and prior scanning efforts to COPA FTP so Patrick can SID them and Shawnese can georeference them. [MSI]
- Finished QA/CQ of elevation points of LV4, LV5, and LV6 veins of 38 cross sections for the Bear Creek Project. Next, find the vein thickness and create top and bottom vein surfaces. [BEAR]
- Created a top and bottom Lykens Valley No. 5 vein surfaces with nearest neighbor interpolation. Viewed the surfaces for consistency. There was a slight parabolic rise between where there was a gap of 5 or more cross-sections. This could be fixed by creating cross sections in

between by averaging X, Y, & Z data, but it may not be necessary. Created snapshots of the precursors of the model and sent them to Bobby. [BEAR]

- Sampled the Askam Treatment System in and out. The snow was still too high, and it was too cold (in the 20s) to sample the other sites, including the other AMD discharges with transducers. We waited a week, but the cold held on. Got my truck stuck pulling into the driveway to the system. Parked under the bridge instead and brought water to my truck to be sampled. [ASKAM]
- Worked with Bobby to get the HOBO transducers ordered for the SCRA. We did not know he had the same \$2,500 transaction limit per day as my card. Asked the bank to temporarily increase the limit to \$5,000 and will make this permanent by visiting the local branch. This will have to be done each time we receive new cards. Seems more complicated than it needs to be. Searched for and supplied Kleinfelder with Old Forge and Duryea non-proprietary sampling data for an upcoming proposal which we will be partnering.
- Looked over "Mine Pool Monster" ArcGIS project file to study the barrier pillars more in depth related to the Old Forge and Duryea mine pools and report to Klienfelder as a follow-up to yesterday's conversation. Also added mosaics for the Northern and Western Middle fields to this project file as we will potentially need to do a mine pool study in upcoming projects in both fields.
- Uploaded about a dozen more UMM scanned TIFFs to the PA DEP FTP site for and notified Patrick that was all for MSI Invoice 9. Started uploading more UMM TIFF scans for Invoice 10 (overnight).
- Worked on 3D multipatch of the Lykens Valley #5 vein. Worked on creating TINs that modeled the top and bottom surface of the vein. The initial TIN from the surface was too bumpy. Converted the surface back into a point cloud and ran the TIN, which was much smoother. The underground mined-out area polygon adjusted to fit the current mine map mosaic alignments was very detailed. Had to remove the "lollypop sticks" and "donut holes" that were too small to matter. The bumpy TIN created a 3D multipatch extrusion, but the smooth one was stuck at 100%. Waited to come back in the morning and see if it had resolved. [BEAR]
- Looked for and found 5 WBDO Maps in "offline storage" that were missing from 52 maps scanned but not catalogged in PHUMMIS in March 2014. These were Locust Summit maps from the NMMR that were printed and taped together (Index # W-37). Searched for them in NMMR folder and found W-30 and W-34, but no W-37. Uploaded them to the DEP FTP for Patrick to SID, then we can geo and add to the WM mosaics. Asked Maria to add them to PHUMMIS. [MSI]
- Added about a dozen more maps to the DEP FTP site from December for MMG Invoice 10. These were still on the scanning computer and needed to be organized into UMM, Other and Mechanical Drawings, the last of which we don't send to DEP. Updated the Google spreadsheet to match. Began to organize Shawnese's georeferenced maps for the 4th Quarter 2025. [MSI]

[] - Denotes funding source where applicable.